

hybrid motor starter, 3-pole (36110)



The picture may show a similar product.

Description

Part No.: **36110** 000A

MOTUS® CrossBoard

hybrid motor starter, 3-pole

electronic unit direct and reversing starter 0.18 - 2.4 A / switch for resistive loads 0.18 - 2.4 A

with CrossLink® interface

System

CrossBoard® 125A / 250A

Product group 21

Subgroup 01

pack size 1

EAN 4021267361105

ETIM 5.0 EC001037

ETIM 8.0 EC001037

ETIM 10.0 EC001037

Approvals

Standards

EN 60947-1:2015
EN 60947-4-2:2012
EN 61439-1:2012
EN 50581:2012
EN ISO 13849-1:2015
UL 60947-1

Approvals

UL , CCC , Atex



for UL feeder circuits >250V

type number: 36110.1

UL file: E360470, UL category (for USA): NLDX <https://www.ul.com>

UL file: E360470, UL category (for Canada): NLDX7 <https://www.ul.com>

CCC certificate: 2019010304252617

Type-Examination Certificate: PTB13AT3001

Technical data

Details IEC

Standards

EN 60947-1:2015
EN 60947-4-2:2012
EN 61439-1:2012
EN 50581:2012
EN ISO 13849-1:2015

Electrical data IEC

rated current (IEC): 2.4 A
rated voltage (IEC) AC: 500 V
min. operating voltage AC: 42 V

prosp. Kurzschlussstrom: 100 kA
resistive rated current: 2.4 A
inductive rated current: 2.4 A
trigger characteristic: Class 10A

set nominal current: Yes
min. load current: 0.18 A
max. switching frequency: 2 Hz
switching cycles: 30.000.000

safety level: SIL3
reply contact: 1 CO

rated frequency (IEC): 50 / 60 Hz

rated isolation voltage U_i AC: 500 V
rated surge voltage U_{imp} : 6 kV

power dissipation of the article:
The power dissipation at a typical load of 80 % results to 3.5 W.
(The power dissipation at full load would be 5.5 W.)

Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

min. permitted operation temperature	-25°C
max. permitted operation temperature	70°C
min. permitted temperature for transport and storage	-40°C
max. permitted temperature for transport and storage	80°C

Details UL

Standards

UL 60947-1

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 2 A
rated voltage (UL) AC: 500 V
min. operating voltage AC: 42 V
rated frequency (UL): 50 / 60 Hz

SCCR unprotected max.: 5 kA
3 cycles (without OPD) @ 600 V AC
SCCR protected max.: 100 kA

SCCR: 100 kA with JDDZ fuse Class J 175 A / 600 V AC

Mechanical data

W x H x D: 22.5 x 160 x 120
weight: 50.7 kg/100
poles: 3-pole

degree of protection: IP20

vertical installation position: Yes
horizontal installation position: No

Terminal points

screw clamp connection
screw drive: 0.8x4
wire stripping: 8 mm
min. cross-section: 0.2 mm²
max. cross-section: 2.5 mm²
Md min.: 0.5 Nm
Md max.: 0.6 Nm

min. cross-section UL: AWG 24
max. cross-section UL: AWG14
torque (UL): 4,4 - 5,3 lb-in

Material properties

halogen-free: Yes

Application notes

permitted degree of pollution: 2
for UL feeder circuits >250V

Accessories

spare parts



31567 000

replacement fuse for MOTUS®

fuse 16 A for version 0.6 A and 2.4 A

10x38 gR

<https://pim.woehner.de/EN/EN/1000182132>